US TRANSPORTATION COMMAND



2005 Worldwide Joint Training & Scheduling Conference

8 - 10 Feb 05

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TCJ5-RE
DSN 779-1077

This briefing is classified: UNCLASSIFIED

"Warfighter Support – Nothing Else Really Matters!"

Purpose

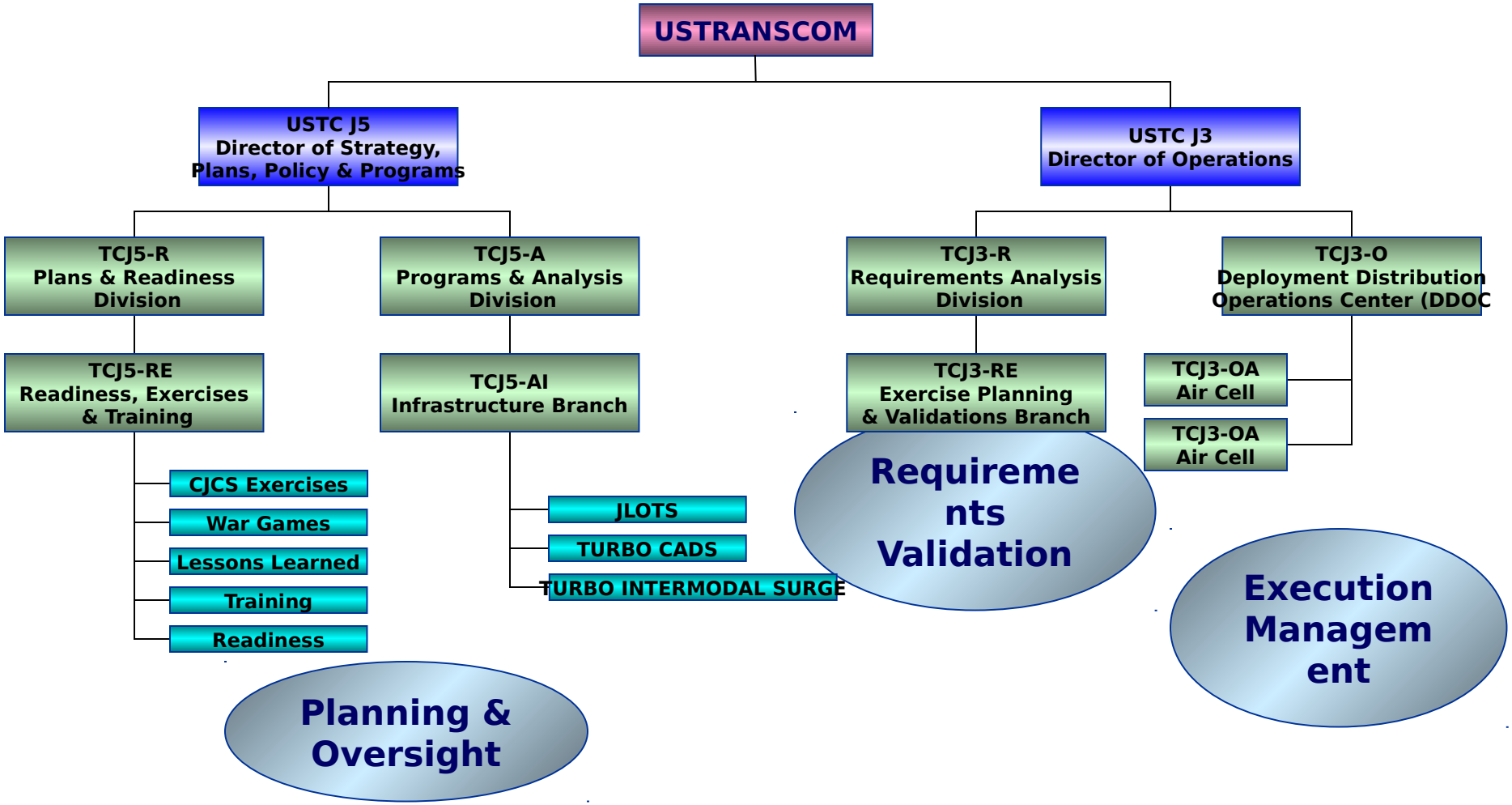
Provide an overview of USTRANSCOM

support to the Chairman, Joint Chiefs of Staff Exercise Program (CEP)

Agenda

- Organization
- FY05 Outlook
- Key Planning Considerations
- USTRANSCOM Exercise Program
  - USTRANSCOM Battlestaff and Functional Exercises
  - CJCS / Combatant Command Exercises
  - Strategic Lift Support
  - Wargames & Experiments
- Issues
- Conclusion

USTRANSCOM Organization for Exercise Management



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FY 05 Outlook

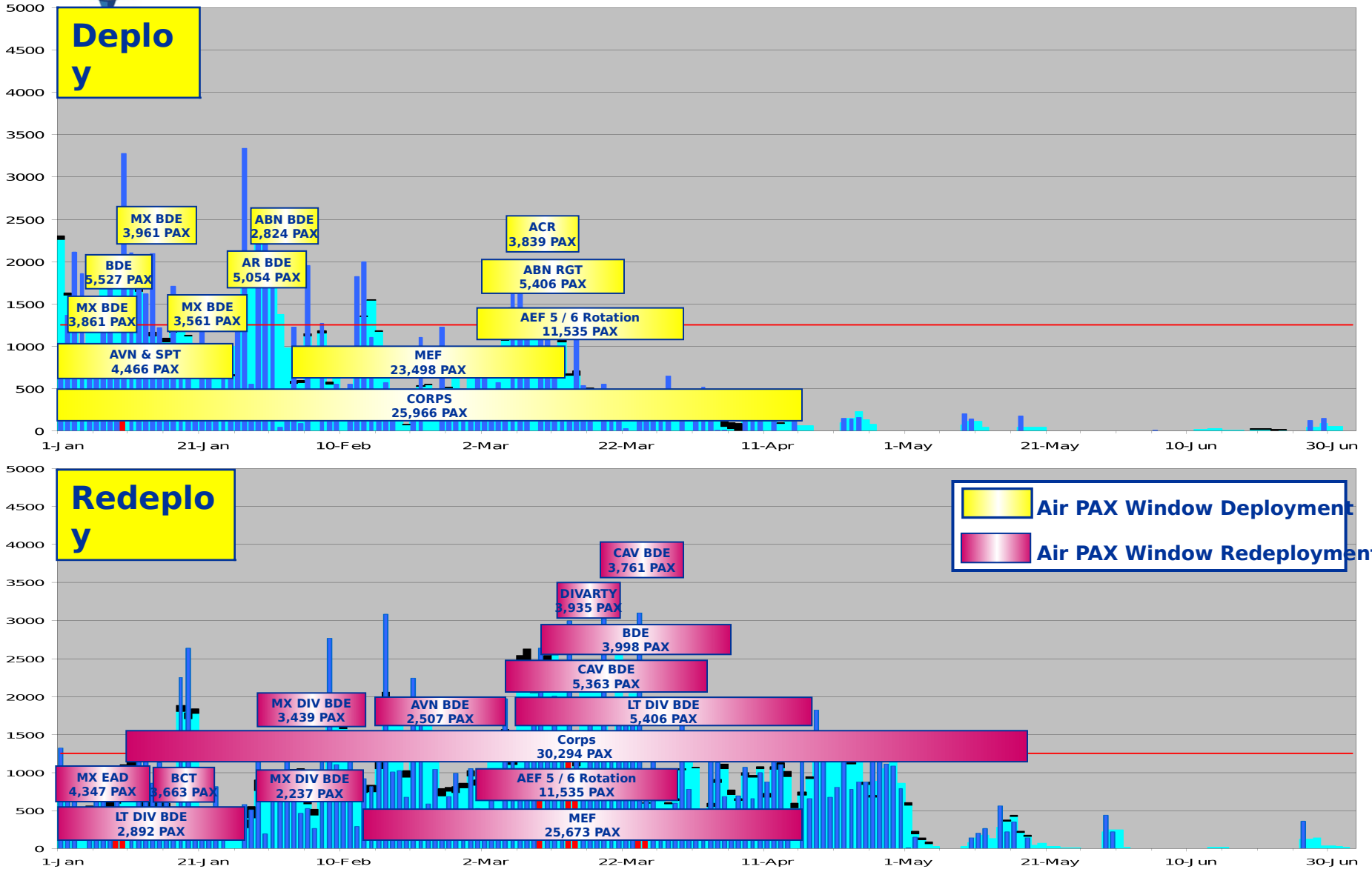
- 167 CJCS exercise events (source: JTIMS)
  - 34 cancelled/postponed/suspended by Sponsoring Commands
  - 133 events eligible for USTRA[illegible]t
- OPTEMPO continues to be high
- Organic airlift is limited
- Some over/out available
- Commercial airlift may be available



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Force Rotations

2005 Air Pax



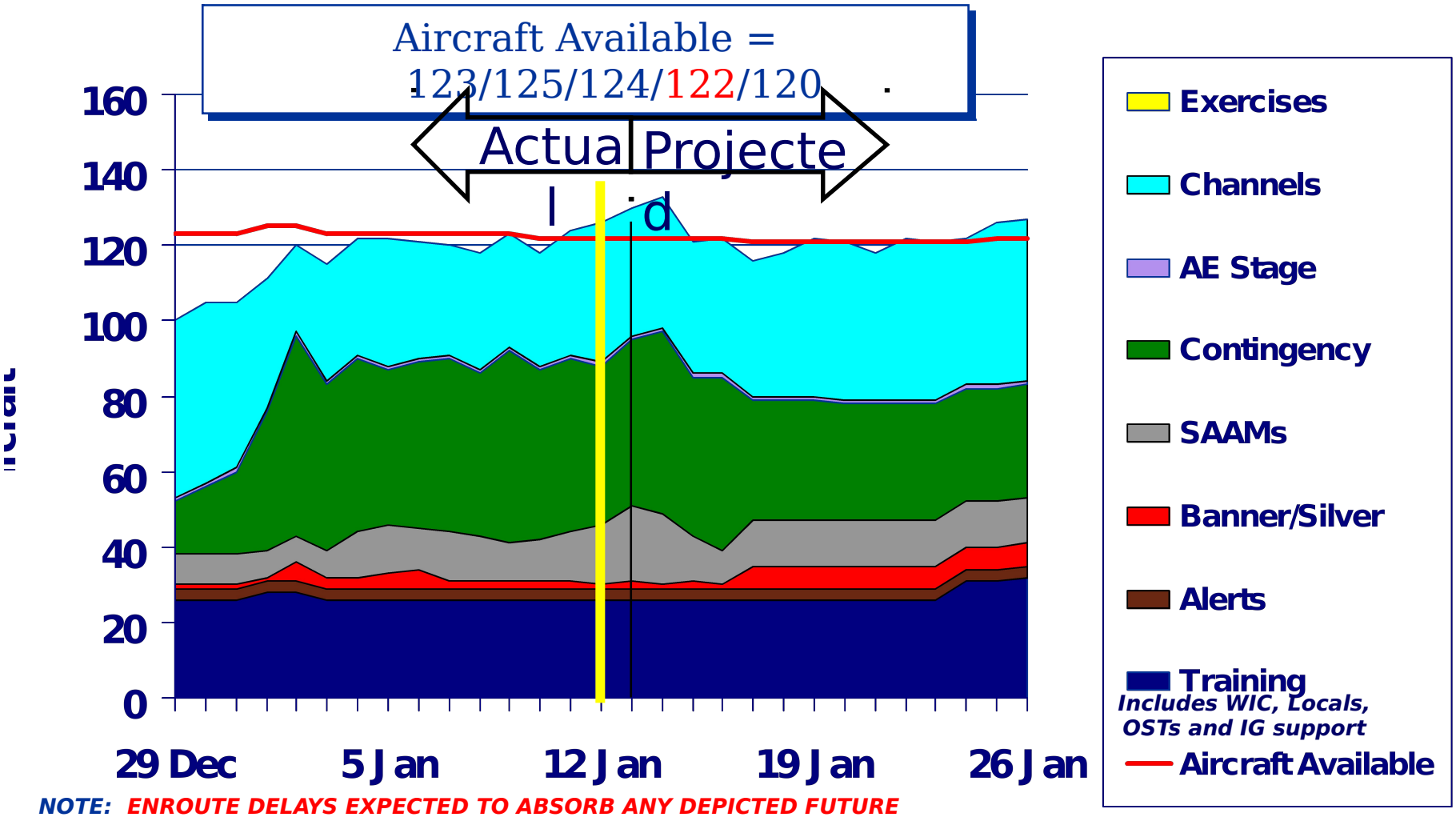
Key Planning Considerations

- Strategic organic airlift availability is limited
- Commercial airlift limited during rotations
- Surface transportation is available, reliable, and cost efficient
- COCOM must discipline the process
- CJCS Priority System guides commitment
  - Current allocations support high priority efforts

CJCS Priority System

- 1A1: Presidential directed mission
- 1A2: Forces in combat designated by the CJCS in accordance with SECDEF guidance
- 1A3: Programs approved by the President for top national priority
- 1A4: Special weapons
- 1B1: Missions specifically directed by the SECDEF
- 1B2: Units, projects, or plans specifically approved by the SECDEF or CJCS
- 1B3: Frequency channels
- 2A1: Forces deploying or positioned and maintained in a state of readiness for immediate combat or direct combat or direct combat support
- 2A2: Industrial productions activities engaged in manufacture of weapons
- 2B1: CJCS Exercises (Significant Military Exercise Brief Required)
- 2B2: CJCS Exercises (No Significant Military Exercise Brief Required)
- 3A1: Readiness or evaluation tests when airlift is required to support unit inspection or evaluation tests
- 3A2: Forces maintained in a state of readiness to deploy for combat
- 3A3: Requirements channels
- 3B1, 3B2, 3B3: Training missions
- 3B4: Airdrop or air transportability or aircraft certification of new or modified equipment
- 4A1: Forces tasked for employment in support of approved war plans and support activities essential to such forces
- 4A2: Static loading exercises
- 4B1: Other forces or activities
- 4B2: Other non-DOD activities that can't be supported by commercial lift

Total Strategic Airlift Commitments



NOTE: ENROUTE DELAYS EXPECTED TO ABSORB ANY DEPICTED FUTURE AVAILABILITY

Surface Capabilities



Typical RRF RO/RO
Speed: 16 kts
Length: 655 ft
Sq Ft: ~100,000



Fast Sealift Ship (FSS)
Speed: 34 kts
(22 kts normal exercise)
Length: 946 ft
Sq Ft: ~150,000

Large Medium Speed Roll On/Roll Off (LMSR)
Speed: 24 kts
(16-18 kts normal exercis
Length: 950 ft
Sq Ft: ~300,000



Lift Capability Comparisons

Vessel	SqFt	C-5 Equivalents (1,720 sqft)
Cape "O"	120,000	70
Cape "H"	140,000	82
FSS	150,000	88
LMSR	300,000	175

USTRANSCOM
Joint Exercise Program



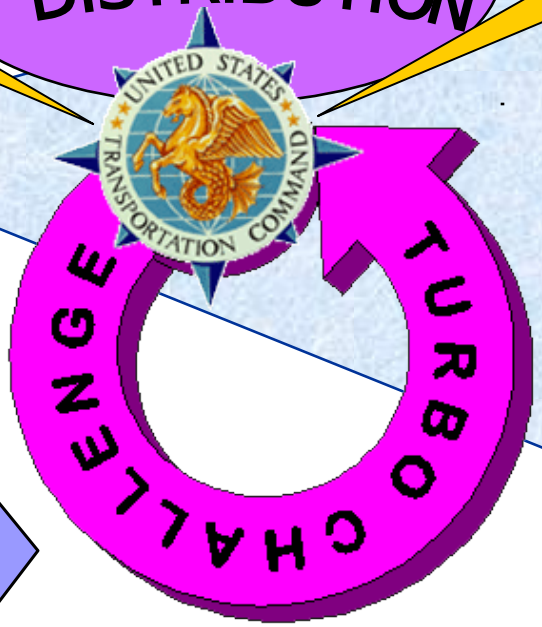
Battlestaff Exercises

Linked with RSOI 05

Linked with POSITIVE FORCE 05

TURBO DISTRIBUTION







"Warfighter Support – Nothing Else Really Matters!"

Functional Exercises



UC



TIS



TCADS



TURBO ACT



JLOTS



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USTRANSCOM Functional Exercises

FY 05 – FY 09

As of: 1-26-

Exercise	Date	Supported Cdr	USTC	Strat Lift Support			CPX Schedules		Remarks
				AMC	MSC	SDDC	Air	Sea	
TURBO ACTIVATION 05-1 to 05-5	FY05	TC	TA		X				RRF No-notice Readiness
ULTIMATE CADUCEUS 05	Mar-05	PC	TA	X					Linked w/ RSOI/FE 05
TURBO CADS 05	Apr-05	PC			X	X			
J LOTS 05	Aug-05	TC			X	X			Unlinked from TALISMAN SABER 05
TURBO ACTIVATION 06-1 to 06-5	FY06	TC	TA		X				RRF No-notice Readiness
J LOTS 06 / TBD COCOM Link	Mar-06	PC			X	X			Link to RSOI/FE 06 (T)
TCADS 06	May-06	EC			X	X			
TURBO ACTIVATION 07-1 to 07-5	FY07	TC	TA		X				RRF No-notice Readiness
J LOTS 07 / NEW HORIZONS 07	Feb-07	SC			X	X			
ULTIMATE CADUCEUS 07	Mar-07	TC	TA	X					
TCADS 07 / RSOI & FE 07	Jun-07	PC			X	X			
TURBO ACTIVATION 08-1 to 08-5	FY08	TC	TA		X				RRF No-notice Readiness
TURBO CADS 08	Aug-08	EC			X	X			
J LOTS 08 / DESTINED GLORY 08	Aug-08	EC			X	X			
TURBO ACTIVATION 09-1 to 09-5	FY09	TC	TA		X				RRF No-notice Readiness
TURBO CADS 09	TBD	PC			X	X			
J LOTS 09	TBD	PC			X	X			

TA – Training Audience RC – Response Cell X – Airlift/Sealift Support LNO – USTC Liaison Officer O/C – On Call

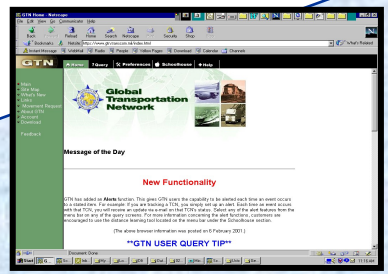
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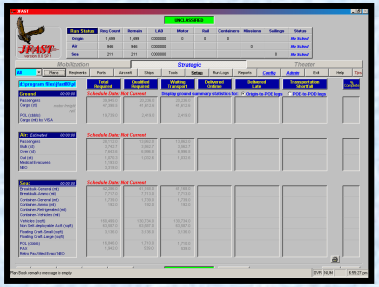
CJCS/Combatant Command Exercises

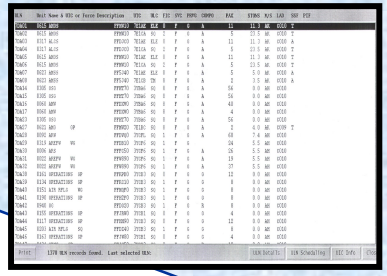


"TRAINING AID"

- TPFDD / Dynamic Force Flow
- Feasibility Analysis
- CPX Airlift and Sealift Schedules
- Response Cell
  - Role-Play USTC & TCC
  - JECG
- ITV…"GES"
- DIRMOBFOR
- DDOC Forward
- USTC LNO Augmentees







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FY 05 CJCS/COCOM Planned Exercise Support

As of: 1-26-05

Exercise	Date	Cmd	Staff Support				Strat Lift Support			CPX Schedules		DM4/AMD	DDOC Forward	Augments	Remarks
			USTC	AMC	MSC	SDDC	AMC	MSC	SDDC	Air	Sea				
GLOBAL LIGHTNING 05	Oct-04	ST					X								Completed
INTERNAL LOOK 05	Oct-04	CC													Cancelled
FLEXIBLE LEADER 05	Nov-04	EC		X			X			JDLM	JDLM			LNO (2)	Completed
ABLE WARRIOR 05	Nov-04	SO	STO				X								Completed
TERMINAL FURY 05	Dec-04	PC	ERC(-)	RC Fwd	O/C	RC	X			AMC	TC	X	X	LNO (2)	Completed
POSITIVE FORCE 05	Mar-05	JS	TA	TA	TA	TA				AMC	MSC				JECG at USTC
TURBO CHALLENGE/DIST 05	Mar-05	TC	TA	TA	TA	TA				AMC	MSC				Linked w/ POSITIVE FORCE
RSOI / FOAL EAGLE 05	Mar-05	PC	TA	TA	TA	TA	X	X	X	AMC	MSC	X	X	LNO (2)	Linked w/ POSITIVE FORCE
ARDENT SENTRY 05	Apr-05	NC	ERC(-)	RC	O/C	RC	X		X	AMC	TC			LNO (2)	Formerly UNIFIED DEFENSE
SHARP FOCUS 05	Jun-05	EC					X			CFAST/ JDLM	CFAST/ JDLM			SME (1)	USTC provides 1 x SME
NORTHERN EDGE 05	Aug-05	NC	MRC												
ULCHI FOCUS LENS 05	Aug-05	PC	MRC	RC Fwd	RC		X	X	X	AMC	TC	X	X	LNO (2)	
FUERTES DEFENSAS 05	Sep-05	SC	MRC				X							LNO (2)	
UNIFIED ENDEAVOR 05	Sep-05	JC													Cancelled
BRIGHT STAR 05/06	Sep-05	CC	ERC(-)			598th	X	X	X	AMC	TC	X		LNO (2); Staff (3)	

TA – Training Audience RC – Response Cell X – Airlift/Sealift Support LNO – USTC Liaison Officer O/C – On Call

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FY 06 CJCS/COCOM Projected Exercise Support

As of: 1-26-05

Exercise	Date	Cmd	Staff Support				Strat Lift Support			CPX Schedules		DM4/AMD	DDOC Forward	Augments	Remarks
			USTC	AMC	MSC	SDDC	AMC	MSC	SDDC	Air	Sea				
GLOBAL LIGHTNING 06	Oct-05	ST	RC				X								Tanker Support
VIGILANT SHIELD 06	Nov-05	NC	RC	RC	O/C	RC				AMC	TC			LNO (2)	Formerly Determined Promise
ABLE WARRIOR 06	Nov-05	SO	STO				X								CC LNO to support
TERMINAL FURY 06	Dec-05	PC	RC	RC	O/C	RC	X			AMC	TC	X		LNO (2)	
KEEN EDGE 06	Feb-06	PC	RC				X			AMC	TC				
BLUE ADVANCE 06	Mar-06	SC	RC				X			AMC	TC	X		LNO (2)	
RSOI / FOAL EAGLE 06 Part A	Mar-06	PC	RC	RC	O/C	RC	X	X	X	AMC	TC		X	LNO (2)	
RSOI / FOAL EAGLE 06 Part B	Mar-06	PC	RC	RC	O/C	RC	X	X	X	AMC	TC	X		LNO (2)	Partner w/ Turbo Distribution
TURBO DISTRIBUTION 06	Mar-06	TC	TA	TA	TA	TA									Partner w/ RSOI/FE Part B
ARDENT SENTRY 06	May-06	NC	RC	RC	O/C	RC	X		X	AMC	TC			LNO (2)	Formerly Unified Defense
TURBO CHALLENGE 06	May-06	TC	RC	RC	O/C	RC	X	X	X	AMC	TC				Partner w/ Ardent Sentry
AUSTERE CHALLENGE 06	Aug-06	EC	RC	RC			X			AMC	TC		X		
ULCHI FOCUS LENS 06	Aug-06	PC	RC				X	X	X	AMC	TC	X		LNO (2)	
FUERTES DEFENSAS 06	Sep-06	SC	RC				X			AMC	TC			LNO (1)	Linked w/ Panamax

TA – Training Audience RC – Response Cell X – Airlift/Sealift Support LNO – USTC Liaison Officer O/C – On Call

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FY 07 CJCS/COCOM Projected Exercise Support

As of: 1-26-05

Exercise	Date	Cmd	Staff Support				Strat Lift Support			CPX Schedules		DM4/AMD	DDOC Forward	Augments	Remarks
			USTC	AMC	MSC	SDDC	AMC	MSC	SDDC	Air	Sea				
GLOBAL LIGHTNING 07	Oct-06	ST	RC				X								Tanker Support
INTERNAL LOOK 07	Oct-06	CC	RC	RC	O/C	RC	X	X	X	AMC	TC	X			
VIGILANT SHIELD 07	Nov-06	NC	RC	RC	O/C	RC				AMC	TC			LNO (2)	
TERMINAL FURY 07	Dec-06	PC	RC	RC	O/C	RC	X			AMC	TC	X		LNO (2)	
BLUE ADVANCE 07	Feb-07	SC	RC				X			AMC	TC	X		LNO (2)	
ABLE WARRIOR 07-2	Mar-07	SO	STO				X								
RSOI / FOAL EAGLE 07 Part A	Mar-07	PC	RC	RC	O/C	RC				AMC				LNO (2)	
RSOI / FOAL EAGLE 07 Part B	Mar-07	PC	RC	RC	O/C	RC	X	X	X	AMC	TC	X		LNO (2)	Partner w/ Turbo Challenge
TURBO DISTRIBUTION 07	Mar-07	TC	RC	RC	O/C	RC									Partner w/ RSOI/FE Part B
ARDENT SENTRY 07/TOPOFF 4	May-07	NC	RC	RC	O/C	RC	X		X	AMC	TC			LNO (2)	
TURBO CHALLENGE 07	May-07	TC	RC	RC	O/C	RC									Partner w/ Ardent Sentry
FLEXIBLE LEADER 07	May-07	EC	RC	RC			X			AMC	TC				
ULCHI FOCUS LENS 07	Aug-07	PC	RC				X	X	X	AMC	TC	X		LNO (2)	
FUERTES DEFENSAS 07	Sep-07	SC	RC				X			AMC	TC			LNO (1)	Linked w/ Unified Endeavor
BRIGHT STAR 07/08	Sep-07	CC	ERC(-)			598th	X	X	X	AMC	TC	X		LNO (2)	

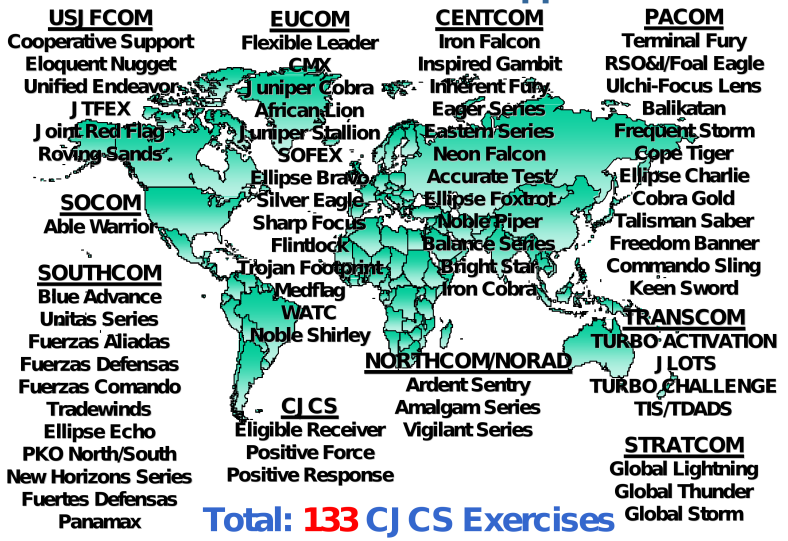
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STRATLIFT Support for Joint Exercises



FY05 CJCS Exercises Eligible for USTRANSCOM Support



- **AIRLIFT & SEALIFT**
- **ORGANIC & COMMERCIAL**
- **TPFDD VALIDATION**
- **PORT SUPPORT PACKAGES**

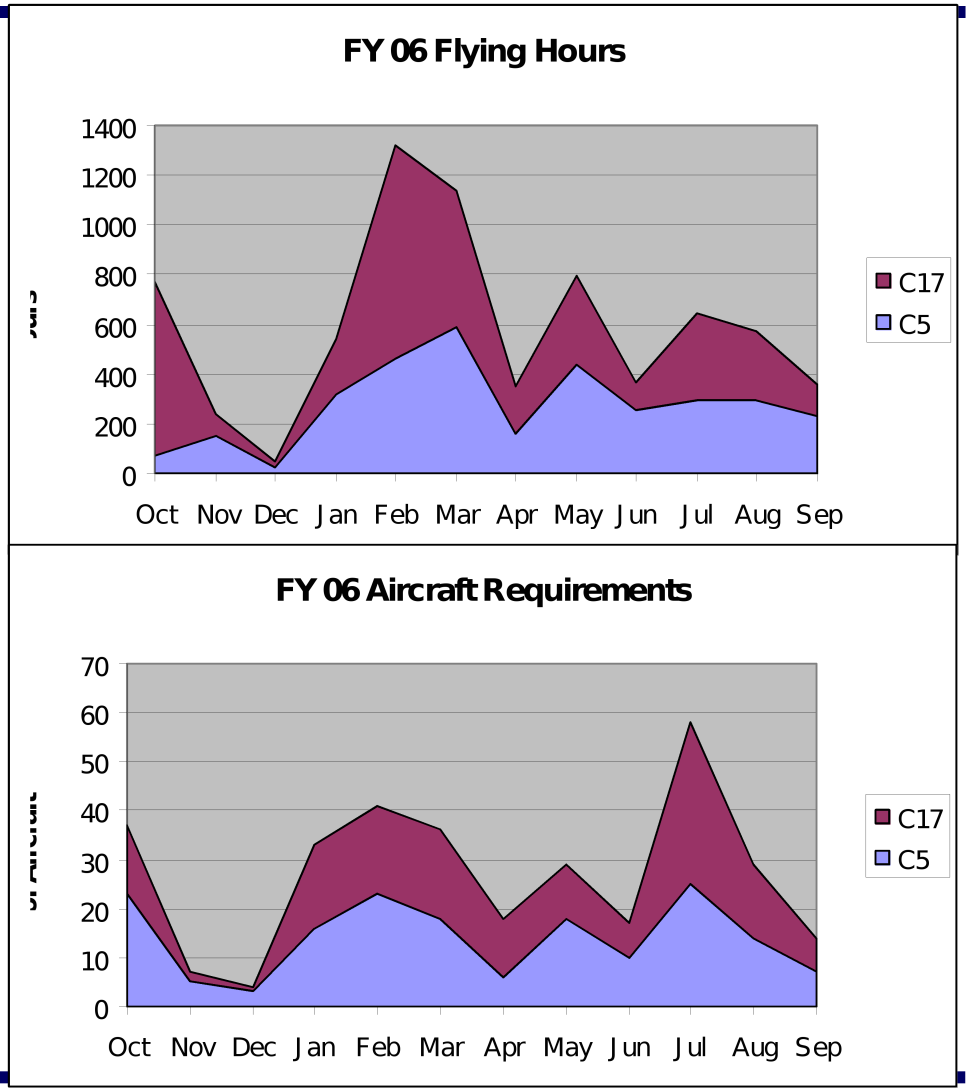
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Strategic Lift Support Issues

- **Budget**
  - **Funding in FY05 reduced 50%**
  - **Decreased FY 05 Organic Flying Hour Rates**
  - **Increase in Commercial Rates**
  - **FY 06 rates increased**
- **Outsized Cargo -- Maximize sealift/ground transportation**
- **JOPES Vol III Compliance**
  - **Validation Timeliness: T-60 vice T-50**
  - **Requirements Aggregation/Consolidation**
  - **Load Plans/HAZMAT Declaration**
  - **Commercial Ticket Program**
- **Use of Special Assignment Airlift Missions (SAAM)**
- **Minimize Post-Validation Change -- Reduce Scheduling Turbulence**

FY06 Projected Airlift Requirements

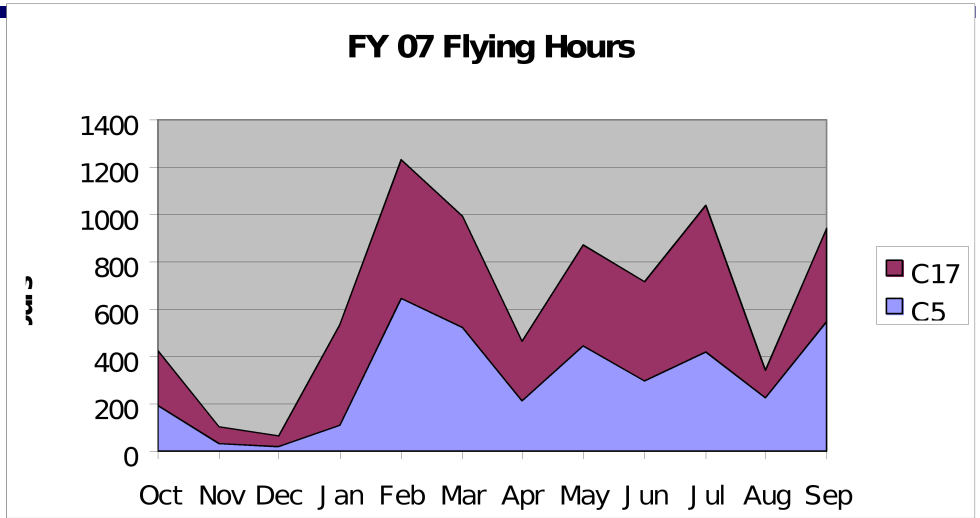
FY 2006	Flying Hours		#of A/C	
	C5	C17	C5	C17
Oct	68.84	704	23	14
Nov	148	90	5	2
Dec	24	23	3	1
Jan	317.63	222.2	16	17
Feb	464.31	852.59	23	18
Mar	587.61	548.15	18	18
Apr	158.5	195.19	6	12
May	437.5	355.69	18	11
Jun	251	111	10	7
Jul	292.44	355.5	25	33
Aug	295.55	278.47	14	15
Sep	227.5	131	7	7
Total	**3272.88**	**3866.79**	**168**	**155**

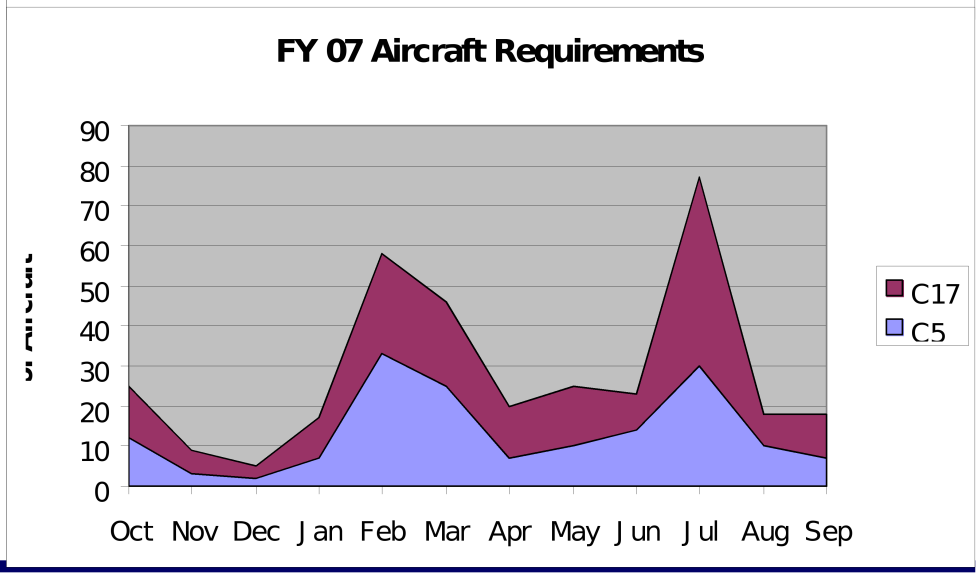


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FY07 Projected Airlift Requirements

FY 2007	Flying Hours		#of A/C	
	C5	C17	C5	C17
Oct	194.13	233.61	12	13
Nov	33	67.5	3	6
Dec	18	49.5	2	3
Jan	108	429.94	7	10
Feb	642.66	591.47	33	25
Mar	523	470.65	25	21
Apr	210	257.19	7	13
May	448	424.69	10	15
Jun	300	415	14	9
Jul	419.76	620.64	30	47
Aug	226.21	113.72	10	8
Sep	550	392.2	7	11
Total	**3672.76**	**4066.11**	**160**	**181**





Support To War Games & Experiments





- ARMY WAR COLLEGE
- FLOW
- GLOBAL ENGAGEMENT
- JFCOM J9 EVENTS
- POSITIVE RESPONSE SERIES
- DISTRIBUTION

"Warfighter Support – Nothing Else Really Matters!"

Lessons Learned

- **System Support**
  - **JTIMS management must improve to permit more accurate forecasting of requirements**
  - **Dynamic Force Flow architecture improved for ITV during CPXs**
- **Strategic Movement Planning**
  - **TPFDD turbulence disrupts scheduling efforts; increases risk of non-support**
  - **Requirements aggregation (100 pax/15 ST)**
  - **Move outsized cargo to surface**
- **Discipline the system – improve likelihood of support**

Issues

- Joint Exercise Budget
  - Service Incremental Funding - CPX Support
  - Transportation
- JTIMS Reliability & Utilization

US TRANSPORTATION COMMAND



QUESTIONS?